



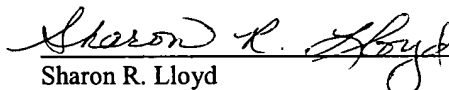
IFW 2612
DOCKET NO: Z2002-700110
(Prior Docket No. 03588.P002)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Brehmer et al.
Serial No: 09/352,494
Confirmation No: 2351
Filed: July 13, 1999
For: METHOD AND ARCHITECTURE FOR AN IMPROVED
CMOS COLOR IMAGE SENSOR
Examiner: Tuan V. Ho
Art Unit: 2612

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23rd day of November, 2005.


Sharon R. Lloyd

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following documents:

- ☒ Supplemental Information Disclosure Statement with PTO Form 1449 and cited references
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check for \$180.00 is enclosed. If the fee required differs from the amount enclosed, the Commissioner is hereby authorized to charge any underpayment to or refund any overpayment to Deposit Account No. 50/2762.

Respectfully submitted,
Kevin Brehmer et al., Applicants

By: 
Robert V. Donahoe, Reg. No. 46,667
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One Main Street
Cambridge, MA 02142
(617) 395-7000

Date: November 23, 2005



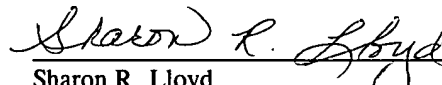
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Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILED PURSUANT TO
THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Supplemental Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

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PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The applicant would like to bring to the Examiner's attention the following applications (copies of which are enclosed) that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/613,582	Sept. 12, 2000	Abandoned
09/957,343	Sept. 19, 2001	Pending
09/364,565	July 30, 1999	Abandoned
09/396,333	Sept. 15, 1999	Abandoned
10/281,388	October 24, 2002	Pending

The applicant would like to bring to the Examiner's attention the following other information, whose relevance is discussed in Part III below:

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

Please see the attached English Abstracts for a concise explanations of the relevance of the non-English language references (JP 10246848, JP 10-174114 and JP 4223453) listed on the attached form PTO-1449 (modified).

The following are remarks concerning the information cited:

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.


By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,
Kevin Brehmer et al., Applicant

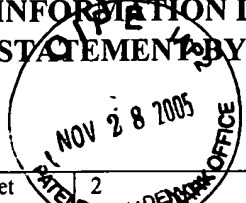
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Date: November 23, 2005

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/352,494	ATTY. DOCKET NO.: Z2002-700110 (Prior Docket No. 03588.P002)
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: July 13, 1999	CONFIRMATION NO.: 2351
		APPLICANT: Kevin Brehmer et al.	
		GROUP ART UNIT: 2612	EXAMINER: Tuan V. Ho
Sheet	2		

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		4,518,864		Inuiya	05/21/1985
		4,630,105		Knop	12/16/1986
		4,639,772		Sluyter et al.	01/1987
		4,734,778		Kobayashi	03/1988
		4,896,217		Miyazawa et al.	01/1990
		5,060,001		Kaneda	10/1991
		5,075,716		Jehan et al.	12/1991
		5,298,428		O'Rourke et al.	03/1994
		5,302,778		Maurinus	04/1994
		5,359,190		O'Regan et al.	10/1994
		5,400,072		Izumi et al.	03/1995
		5,408,285		Azegami et al.	04/1995
		5,416,318		Hegyi	05/16/1995
		5,497,269		Gal	03/1996
		5,572,372		Sekine et al.	11/1996
		5,600,486		Gal et al.	02/04/1997
		5,625,451		Schiff et al.	04/1997
		5,821,532		Beaman et al.	10/1998
		5,883,830		Hirt et al.	03/1999
		5,923,369		Merrill et al.	07/13/1999
		6,066,822		Nemoto et al.	05/23/2000
		6,091,502		Weigl et al.	07/18/2000
		6,122,009		Ueda	09/2000
		6,122,084		Britz et al.	09/19/2000
		6,130,423		Brehmer et al.	10/2000
		6,137,535		Meyers	10/2000
		6,290,382		Bourn	09/18/2001
		6,324,606		Lenahan et al.	11/21/2001
		6,326,142		Royer	12/04/2001
		6,335,759		Harada	01/2002
		2002/0011554		Brehmer et al.	01/31/2002
		2002/0044215		Takagi et al.	04/2002
		2002/0101528		Lee et al.	08/01/2002
		6,529,689		Oshima	03/04/2003
		2003/0112351		Clark	06/19/2003

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/352,494	ATTY. DOCKET NO.: Z2002-700110 (Prior Docket No. 03588.P002)
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		GROUP ART UNIT: 2612	EXAMINER: Tuan V. Ho
Sheet 2	of 2		

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,597,399		Horii	07/22/2003
		2003/0137595		Takachi	07/24/2003
		6,618,083		Chen et al.	09/09/2003
		6,625,558		Van Ausdall et al.	09/23/2003

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
		JP	10246848	A	Ide et al. (Abstract)	09/14/1998	Y
		JP	10-174114		Nikon Corporation (Abstract)	06/26/1998	Y
		JP	04223453	A	Takematsu (Abstract)	08/13/1992	Y

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Chamberlain, S.G., "Photosensitivity and Scanning of Silicon Image Dector Arrays," IEEE Journal of Solid-State Circuits, December 1969, pgs 333-342	
		Karasawa et al., "Flip Chip Interconnection Method Applied to Small Camera Module," 2001, Electronic Components and Technology Conference	
		Ohba, et al., "MOS Area Sensor: Part II—Low-Noise MOS Area Sensor with Antiblooming Photodiodes," IEEE Transactions on Electron Devices, Vol. Ed. 27, No. 8, August 1980, pgs 1682-1687	
		Schaufelbuhl et al., "Uncooled Low-Cost Thermal Imager Based on Micromachined CMOS Integrated Sensor Array," Dec. 2001, Journal of Microelectromechanical Systems, vol. 10, No. 4, pgs 503-510	
		Sengupta et al., "Packaging Requirements and Solutions for CMOS ImagingSensors," 1998; International Electronics Manufacturing Technology Symposium; pgs 194-198	

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided either because it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications) or because a copy of this reference need not be provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]